

# Converting Colors

Hex(474B44)

Have a look what the booklet for  
Hex(474B44) contains.

<b>Hex(474B44)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(474B44)

# Conversions

## Conversions Part 1

Format	Color
Hex	474B44
RGB	71, 75, 68
RGB Percent	28%, 29%, 27%
CMY	0.7216, 0.7059, 0.7333
CMYK	0.05, 0.00, 0.09, 0.71
HSL	94°, 5%, 28%
HSV	94°, 9%, 29%
XYZ	6.1580, 6.7891, 6.4547
YIQ	73.0060, -0.1370, -3.0250

# Conversions

## Conversions Part 2

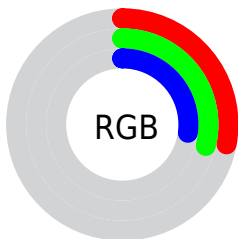
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 75, 72
Decimal	4672324
CIELab	31.32, -3.16, 3.61
CIELCh	31, 4.792, 131.185
Yxy	6.7891, 0.3174, 0.3499
Android (android.graphics.Color)	4282862404 (0xFF474B44)
YUV	73.0060, -2.4680, -1.7593
Hunter-Lab	26.0559, -3.4115, 3.5515

# Details

The Hex color **474B44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48444B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **777C74**, and **1C1F19** is the 20% darker color. If you saturate the color by 10%, you get **434B3D**, and if you desaturate by 10%, it is **4B4B4C**.

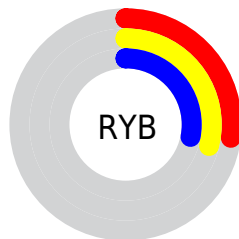
# Distribution



Red (28%)

Green (29%)

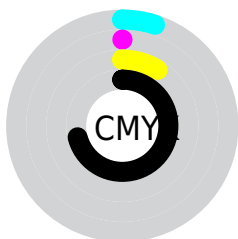
Blue (27%)



Red (27%)

Yellow (29%)

Blue (28%)

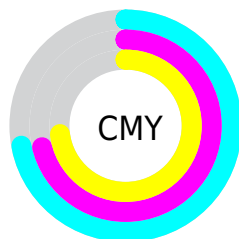


Cyan (5%)

Magenta (0%)

Yellow (9%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 474B44 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 474B44 by changing the saturation by 10% instead.





474B44



474B44

FFFFFF



31342E



777C74



1C1F19



91968E



000700



ACB0A8



000000



C7CCC3



E3E8DF

FFFFFFC



474B44



474B44



434B3D



4B4B4C

■ 3E4B35

■ 504B53

■ 3A4B2E

■ 544B5A

■ 364B26

■ 584B62

■ 324B1E

■ 5C4B6A

■ 2D4B17

■ 614B71

■ 294B0F

■ 654B79

■ 254B08

■ 694B80

■ 204B00

■ 6E4B88

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4B4A42



474B44



434C47

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



474B44



434B51



524748

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



474B44



48444B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50474C



474B44



484A51

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



474B44



414C4E



4C484F



514845

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



474B44



414C4A



4C484F



51474A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



474B44



5F615E



4B4844



2F302F



B0B0B0



303030



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



474B44



5B6156



444B44



242622



2C6600



62E600



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48444B



5C5661



4B444B



252226



3A0066



8300E6



# Previews

## White Background



This preview shows how the Hex color 474B44 looks on a white background.

## Color Contrast Check

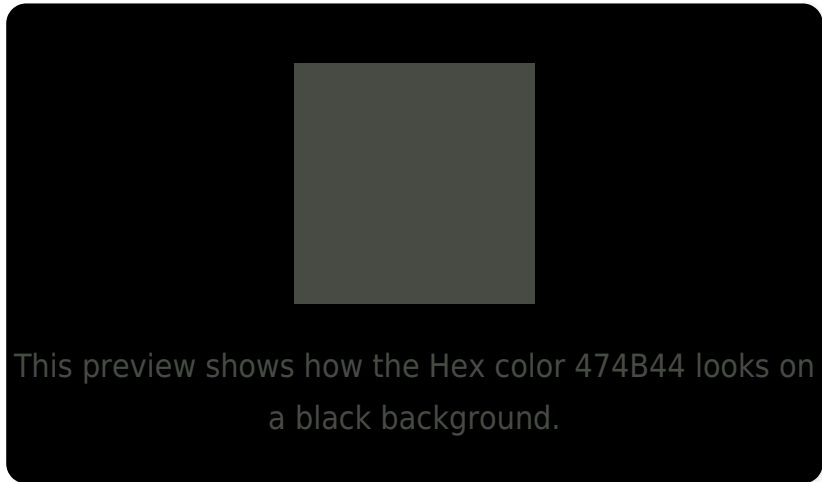
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

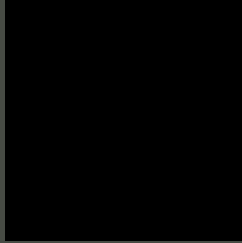
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

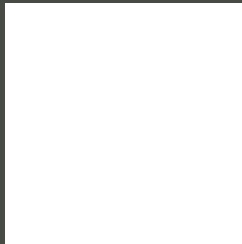
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 474B44 Background



This preview shows how black text looks on a background with the Hex color 474B44.



This preview shows how white text looks on a background with the Hex color 474B44.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
474B44

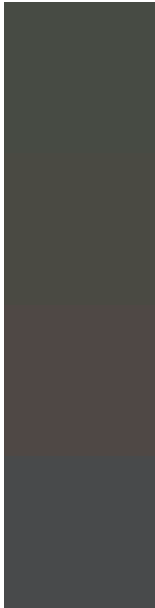
**Protanopia**  
4C4943

**Deuteranopia**  
534745



**Tritanopia**  
49494F

# Trichromacy



**Original Color**

474B44

**Protanomaly**

4A4A43

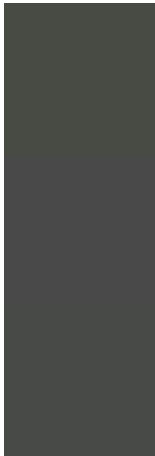
**Deuteranomaly**

4F4845

**Tritanomaly**

484A4B

# Monochromacy



**Original Color**

474B44

**Achromatopsia**

494949

**Achromatomaly**

484A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 474B44 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #474B44 looks like.

```
.text, #text, p{  
    color:#474B44  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #474B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474B44
}
```

## Border

The CSS property to change the border of an element to Hex 474B44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

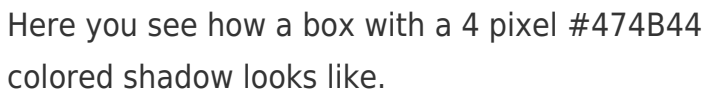
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474B44 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#474B44 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #474B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474B44; -webkit-box-shadow:4px 4px  
4px 4px #474B44; box-shadow:4px 4px 4px  
4px #474B44 }
```

# Background

The CSS property to change the background color of an element to Hex 474B44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474B44 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#474B44 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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